BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of Work: Maintenance of BBMP Samudhaya Bhavana Building and prividing Painting, Plumbing and Electrical Works at RK Hegadenagara in ward No. 06, Jakkur, Byatarayanapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	16.56	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 8 mm thickness (weight not less than 20 kg/ m^2) including cost of materials, labour, usage charges of machinery complete as per specifications	Sqm	1435.5000	Rupees One Thousand Four Hundred Thirty Five and Fifty Paise Only
2	22.80	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	Rmtr	349.8000	Rupees Three Hundred Forty Nine and Eighty Paise Only
3	12.60	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification &direction of Engineer-in-charge fixed to frames with 3 nos of 75mm Aluminium hinges.	Sqm	2602.6000	Rupees Two Thousand Six Hundred Two and Sixty Paise Only
4	240.00	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 m^2 and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge. (For Roof and Water Tanks)	Sqm	569.8000	Rupees Five Hundred Sixty Nine and Eighty Paise Only
5	1398.86	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete as per specifications and as per directions of Engineer in charge.	Sqm	14.3000	Rupees Fourteen and Thirty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Word
6	1379.77	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	195.8000	Rupees One Hundred Ninety Five and Eighty Paise Only
7	1398.86	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	150.7000	Rupees One Hundred Fifty and Seventy Paise Only
8	476.70	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	183.7000	Rupees One Hundred Eighty Three and Seventy Paise Only
9	15.00	Supplying and fixing PVC/metal conduit Deep junction box 25 mm deep Junction box	Each	61.6000	Rupees Sixty One and Sixty Paise Only
10	15.00	Supplying And Fixing Metal Fan Box with Round Hook	Each	128.7000	Rupees One Hundred Twenty Eight and Seventy Paise Only
11	10.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet .Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Each	957.0000	Rupees Nine Hundred Fifty Seven Only
12	15.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:2010 1.5MM2	m	28.6000	Rupees Twenty Eight and Sixty Paise Only
13	15.00	Supplying 6A flush type socket and 6 A flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 38546A 3/5 Way	Each	161.7000	Rupees One Hundred Sixty One and Seventy Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
14	15.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 10-12 Way	Each	350.9000	Rupees Three Hundred Fifty and Ninety Paise Only
15	2000.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc, and fixing on existing wooden or metal box using N.F. screws	Cum	0.4500	and Forty Five Paise Only
16	10.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293Stepped Fan Regulator Two Module	Each	392.7000	Rupees Three Hundred Ninety Two and Seventy Paise Only
17	8.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.. -6A One Way Switch	Each	198.0000	Rupees One Hundred Ninety Eight Only
18	35.00	Supply of round/square recess/surface mounted rolling type LED Down light with ..... W GU 10 LED Lamp Rib Fabricated from diecast aluminium with white powder coated prewired to mains connector & has swivelling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI 80. Power Input: 220-240V @50/60Hz & Power factor 0.9 along with CE approved. 2years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 15-18W	Each	1838.1000	Rupees One Thousand Eight Hundred Thirty Eight and Ten Paise Only
19	5.00	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/19 and also comply with IS: 1709/1984 with latest amendment, Rated voltage 220 V/50 Hz, Rated power upto 35 W +/- 10 %, Rated current As per IS:374/19, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value 6.2 CMM / W, Three Blades of blade leaf 1.05 mm thick Aluminium Alloy sheet, Class B motor insulation, Bearing Two ball bearings, Top 6202, Bottom 6201, as per IS specification, Motor winding. Temp rise Shall not exceed 75 deg C over and ambient of 40 0C by resistance method at 245 V, Insulation resistance Shall not be less than Two Mega Ohms (2M Ohms), Leakage current Should not exceed 210 Micro Amp, Power input, W& current, Air Delivery & Fan Speed as per IS:374/2019 with latest amendment, 2year manufacturer Warranty. (BLDC fans)	Each	4129.4000	Rupees Four Thousand One Hundred Twenty Nine and Forty Paise Only
20	40.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall	m	339.9000	Rupees Three Hundred Thirty Nine and Ninety Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Word
21	20.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall	m	612.7000	Rupees Six Hundred Twelve and Seventy Paise Only
22	5.00	Providing and fixing white vitreous china pedestal type water closetb (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid	Each	5321.8000	Rupees Five Thousand Three Hundred Twenty One and Eighty Paise Only
23	34.00	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete.90mm(weight of pipe -0.917 kg)	m	231.0000	Rupees Two Hundred Thirty One Only
24	5.00	Providing and fixing white vitreous china wash basin including making all connections but including the cost of fittings	Each	1800.7000	Rupees One Thousand Eight Hundred and Seventy Paise Only
25	38.00	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter a providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in Granite, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	650.1000	Rupees Six Hundred Fifty and Ten Paise Only

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Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))